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CITY OF

FORT LAUDERDALE

AVIATION ADVISORY BOARD
Fort Lauderdale Executive Airport
Administrative Office - Multipurpose Room
6000 NW 21 Avenue
Fort Lauderdale, FL
Thursday, September 27, 2007, 1:30 p.m.

Board Members	Attendance	Cumulative Attendance 8/07 to 7/07	
		Present	Absent
Bunney Brenneman, Chair	P	2	0
William Aston, Vice Chair	P	2	0
Joseph Scerbo	A	1	1
Lee Alexander	P	1	0
Lloyd Evanson	A	1	1
Richard McDonald	P	2	0
John McKaye	P	2	0
Deborah VanValkenburgh	P	1	1
Sharon Woods	P	2	0

Airport/City Staff

Clara Bennett, Airport Manager
Alex Erskine, Assistant Airport Manager
Fernando Blanco, Airport Engineer
Florence (Deardorff) Straugh, Noise Abatement Officer
Sharon Dreesen, Administrative Aide
Leslie Carhart, Administrative Assistant II
Victoria Minard, Assistant City Attorney
Stephanie Horchreder, Airport Programs Aide
Cate McCaffrey, Director of Business Enterprises
Jason Robinson, Operations Aide
Jamie Opperee, Recording Secretary

Visitors

Dave Bardt, Kimley Horn & Associates
Cindy Frank, Denholtz Associates
Rob Hink, Spinnaker Group
Steve Samenski, Spinnaker Group
Marek Solski, DeRose Design Consultants
Justin Proffitt, City of Oakland Park
Gerogia Weaver, Buehler Aviation Research Foundation
Clarence Jackson, Congressman Alcee Hastings' Staff Assistant

FORT LAUDERDALE EXECUTIVE AIRPORT

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The meeting was called to order at 1:34 p.m. by Chair Brenneman and roll was taken. Board members introduced themselves in turn.

1. Approve Minutes of August 2007 Meeting

Motion made by Ms. Woods, seconded by Dr. Alexander, to approve the minutes of the Board's August 2007 meeting. In a voice vote, the motion passed unanimously.

2. Election of Chair and Vice Chair

[This item was taken out of order]

Mr. Aston nominated Ms. Brenneman as Chair, seconded by Ms. VanValkenburgh. Nominations were closed and Ms. Brenneman was elected by unanimous vote.

Mr. McDonald nominated Mr. Aston as Vice Chair, seconded by Ms. VanValkenburgh. Nominations were closed and Mr. Aston was elected by unanimous vote.

3. Taxiway Alpha Relocation- P10802- Contract Award - APAC - Southeast Inc. (APAC) (PAVEX Corporation d/b/a Ranger Construction South) (PAVEX)

Mr. Blanco reminded the Board that this project had been rejected at the June 28, 2007 Aviation Advisory Board meeting, and was re-advertised on July 11, 2007. Bids were opened on August 10, 2007, and the lowest responsive bidder was APAC, with a cost of \$9,019,312.30, which was approximately 9.2% below the engineer's final construction costs estimate.

Mr. Blanco stated that during the advertising and grant application and award period, APAC-Southeast, Inc. was acquired by PAVEX CORPORATION (d/b/a Ranger Construction-South of Pompano Beach, FL). An Assignment and Assumption Agreement has been provided evidencing the transfer of APAC's rights and responsibilities under the Invitation to Bid to PAVEX.

Mr. Blanco informed the Board that they had received a grant from the FAA for approximately \$8,999,999, and a Joint Participation Agreement from Florida Department of Transportation (FDOT) in the amount of \$480,250 to cover approximately 98.5% project funding. The balance of the funding was identified in the Airport's approved Capital Improvement Plan.

Staff Recommendation:

The staff recommends award of the contract to the low responsive bidder, PAVEX CORPORATION d/b/a Ranger Construction-South, of Pompano Beach, FL, in the amount of \$9,019,312.30.

Mr. Blanco informed Mr. Aston that they expected work to begin in January 2008. Mr. McDonald asked if they had evaluated the history of Pavex Corporation. Mr. Blanco said references had been reviewed and had checked out. He added that APAC had paved the entrance road several years ago, and this project was done on time and on budget.

Mr. Erskine informed Dr. Alexander that only one intersection would be closed at a time.

Motion made by Dr. Alexander, seconded by Ms. VanValkenburgh, to approve the staff recommendation. In a voice vote, the motion passed unanimously.

4. Taxiway Alpha Relocation - P10802 - Construction Support/Inspection Services - Kimley-Horn - Task Order 31

Mr. Blanco explained that staff had negotiated a Task Order with Kimley-Horn and Associates, Inc. in the amount of \$455,996 to provide construction oversight and support services during the Taxiway Alpha relocation project. He stated the project would take approximately 18 months to complete, and Kimley-Horn's duties would include: weekly construction meetings, performing site inspections, the review and approval of change orders and shop drawings, the monitoring and testing of asphalt paving, DBE support and monitoring services, and electrical site inspections.

Mr. Blanco informed the Board that funds for this task order were available from the Florida Department of Transportation and the Federal Aviation Administration for 98.75% of the total costs.

Staff Recommendation:

The staff recommends approval of Task Order No. 31 with Kimley-Horn and Associates, Inc. for construction support/inspection services for the Taxiway Alpha Relocation project in the amount of \$455,996.

Mr. Aston asked what sort of change orders they anticipated. Mr. Dave Bardt, Kimley-Horn Associates, explained that typically in this type of project, estimates were based on a grading plan and survey. He did not anticipate any change orders might some may be required due to unforeseen field conditions. Mr. Bardt said he thought it more likely that change orders would result in reductions instead of increases to the estimate. Mr. Bardt described the quality control process for the asphalt.

Mr. McDonald said it seemed Kimley-Horn was acting as the City's project manager, and asked if anyone involved in oversight of the project was actually a City employee. Mr. Bardt explained they were utilizing sub-consultants from a local testing lab that had been Kimley-Horn's partner on all paving projects since they had been selected as the City's general consultant. Mr. Bardt said Kimley-Horn was not acting as

project manager; Mr. Blanco was the project manager. He said the project manager had the power to act on the City's behalf, which Kimley-Horn did not have. Kimley-Horn was acting as Mr. Blanco's staff, making recommendations on actions he should take. Dr. Alexander said he considered Kimley-Horn to be quality-control watchdogs.

Motion made by Ms. Woods, seconded by Mr. McDonald, to approve the staff recommendation. In a voice vote, the motion passed unanimously.

5. Taxiway Alpha Relocation - Project 10802 - Supplemental Joint Participation Agreement with Florida Department of Transportation

Mr. Erskine reminded the Board that at the April 26, 2007 meeting, the Aviation Advisory Board supported the staff's recommendation for the City to enter into a Joint Participation Agreement with the Florida Department of Transportation (FDOT) to accept \$120,025 in grant funding for 2.5%, or 50% of the non-federal share of the costs associated with relocating the western portion of Taxiway Alpha (Phase 1).

Mr. Erskine explained that FDOT had offered to increase their funding participation in this project to 80% of the non-federal share. The Supplemental Joint Participation Agreement [SJPA] was in the amount of \$360,225 for a total grant amount of \$480,250.

Staff Recommendation:

The staff recommends that the SJPA be approved for \$360,225 or up to 80% of the non-federal share of the Taxiway Alpha Relocation project.

Mr. Erskine explained to Ms. Woods that this year, some FDOT projects had fallen through, making this money available for use elsewhere. Ms. Bennett stated this was the first year Florida statute allowed FDOT to contribute 80% for a federally funded project.

Ms. Bennett informed Mr. Aston that the State Aviation Fund provided the funding for this, and these monies came from state-assessed fuel taxes.

Motion made by Ms. VanValkenburgh, seconded by Mr. Aston, to approve the staff recommendation. In a voice vote, the motion passed unanimously.

6. 3DAAP Photogrammetric Update Services – Project 10883 – Kimley-Horn and Associates, Inc. - Task Order No. 33

Mr. Blanco announced that task order No. 33 with Kimley-Horn and Associates would provide Three Dimensional Airspace Analysis Program (3DAAP) services to update the integrated database of airport infrastructure. He explained that the initial baseline work was completed to establish the 3DAAP database in 2001, and since then, areas

of both the airport and surrounding areas had been developed or improved and current aerial photos and information needed to be incorporated into the database.

Mr. Blanco informed the Board that the services to be included in the task order were: coordinating meetings with Airport staff; providing aerial photogrammetry services; surveying of new buildings; development of 3DAAP wireframe CAD drawings; and incorporating the 3DAAP Program into an interactive Airport Layout Plan to assist in future capital improvement programs.

Mr. Blanco stated the task order totaled \$50,485, and funds for the task order were available from the Airport's approved 06/07 Capital Improvement Plan and from a grant from the Florida Department of Transportation (FDOT) for reimbursement of approximately 80% of eligible project costs.

Staff Recommendation:

The staff recommends approval of the proposed Task Order No. 33 with Kimley-Horn and Associates, Inc. for 3DAAP Photogrammetric Update Services in the amount of \$50,485.

Mr. Blanco explained to Dr. Alexander that this involved converting an aerial photograph into a 3-D wireframe drawing. When this drawing was viewed from different angles, one could see a three-dimensional view of the entire airport area. This could be used to identify conflicts with any planned new buildings on airport property. Mr. Blanco noted this could also be ported into the City's GIS system to make it available on the Internet.

Motion made by Ms. VanValkenburgh, seconded by Ms. Woods to approve the staff recommendation. In a voice vote, the motion passed unanimously.

**7. FXE Maintenance Building - P11181 - DeRose Design Consultants, Inc.-
Task Order 4**

Mr. Blanco announced that staff was proposing to build the new maintenance facility as a Leadership In Energy and Environmental Design (LEED) building. He explained that LEED Certification was the program associated with the United States Green Building Council (USGBC) to promote energy efficiency and reduce negative environmental impacts. Mr. Blanco stated LEED design and certification standards enhanced the overall quality of a facility and reduced operating costs, energy consumption, and impacts to the surrounding Airport environment.

Mr. Blanco reported that staff has negotiated Task Order No. 4 with DeRose Design Consultants, Inc. at a cost of \$38,541 to provide supplemental mechanical, electrical, and structural design services for the building to obtain LEED certification. He explained that the funds for this Task Order were available within the Airport's approved Capital Improvement Plan.

Staff Recommendation:

The staff recommends approval of the proposed Task Order No. 4 with DeRose Design Consultants, Inc. for LEED design and certification services in the amount of \$38,541.

Mr. Blanco informed the Board that representatives from Spinnaker Group and DeRose Design Consultants were present to answer any questions.

Mr. Blanco informed Mr. McDonald that this task order dealt with the design only, not the actual construction.

Mr. Aston wanted to know the financial advantages of LEED construction. Mr. Rob Hink Vice President of the Spinnaker Group and representative of the U.S. Green Building Council, explained that typically green buildings realized 30% energy savings, 40-50% water savings, and substantial reduction in waste processing. He said there were also "soft" benefits such as increased productivity from healthier people in the buildings.

Mr. Hink explained to Mr. Aston that as part of the design process, they would consider additional ways to save energy, and make suggestions to the City regarding these, including return on investment figures.

Mr. Hink informed Dr. Alexander that their normal procedure was to conduct a design charette with the design team to develop potential strategies they would use on the project. He anticipated making a presentation to the Board shortly after this was created.

Ms. Bennett described where the building would be located on an aerial photograph, and explained that it would house maintenance equipment and personnel. The building could also serve as a backup if something were to happen to their main administration building in the event of an emergency.

Mr. Aston felt this was a potentially worthwhile project. He felt they had a unique opportunity, facilitated by a their flexibility regarding funding. Mr. Aston noted that this project could function as a demonstration project regarding LEED construction for the education of the entire County. He recommended they take advantage of the public relations aspects of the project.

Motion made by Ms. VanValkenburgh, seconded by Dr. Alexander to approve the staff recommendation. In a voice vote, the motion passed unanimously.

Update Items

A. Noise Compatibility Program

Meeting with City of Oakland Park Commissioner Suzanne Boisvenue

Ms. Horchreder announced that following a request from City of Oakland Park Commissioner Suzanne Boisvenue, they had met with her on Tuesday, August 21, 2007 and provided her with facts about the Airport and answered several of her questions. One of the main points conveyed was the City's initiative to increase the nighttime hours of the I-95 Turn for jets. Commissioner Boisvenue expressed an interest in personally contacting federally elected officials to obtain legislative support regarding this initiative.

Ms. Horchreder said the meeting had gone well and they were optimistic Commissioner Boisvenue would support their initiative to reduce excessively loud noise over the communities. She reported they had also invited Commissioner Boisvenue to attend the monthly Aviation Advisory Board meetings, whenever she was available.

Noise Abatement Brochures for Helicopter and Propeller Pilots

Ms. Horchreder reported that the Noise Abatement Office was currently developing new brochures for two groups of pilots to promote voluntary noise abatement practices that were presented in the Noise Abatement Workshops. These brochures would be specifically geared for pilots of Propeller Aircraft and Helicopter Pilots.

Ms. Horchreder explained that voluntary noise abatement practices could be as simple as requesting higher altitudes; avoiding late night and early morning flights; and limiting repetitive flight training activity, especially on weekends. She said they planned to have the brochures available at the Airport office, and staff would distribute the brochures to the tenants and pilots via workshops and mailings. They would also post the brochures on the City's website.

Nighttime and I-95 Turn

Ms. Horchreder reported that for August 2007, there were no noise events over 80 dB at night. Also at night, from 11:00 p.m. to 7:00 a.m., - 33 jets had flown the I-95 Turn and 3 of those jets were stage-two aircraft.

Noise Abatement Program Statistics

The Board's packet included data summaries the Noise Abatement Program statistics for August 2007.

Mr. Aston said he was not happy with the way they measured the I-95 turn, and wanted to develop a better metric to increase their compliance rates. Ms. Bennett said they could measure the number of aircraft that were eligible for the turn that had been assigned it.

Ms. VanValkenburgh asked about the FLL overflights and miscellaneous activity mentioned on the noise abatement statistics. Ms. Deardorff explained that miscellaneous activity was usually attributable to helicopters or an occasional propeller plane. FLL overflights referred to flights reported by a citizen that were determined to be headed to or from FLL, not FXE.

Ms. Deardorff explained that BSO was based out of FXE. They would occasionally receive complaint calls when BSO helicopters and television helicopters were flying overhead. She noted that the majority of the calls were because of the helicopter training flights and said they had worked with helicopter operators to get them to voluntarily mitigate noise by also using other airport and the practice area to conduct their training flights.

B. Development and Construction

Airport Security Meeting

Mr. Erskine announced a meeting had been held the previous week with tenants to discuss security expectations and improvements for FXE. He stated guest speakers from the Fort Lauderdale Police Department (FLPD) and the Transportation Security Administration (TSA) had attended.

Mr. Aston asked for specifics regarding the helistop operation and the ongoing construction there. He said he looked forward to some day holding a Board meeting there. Mr. Aston asked about the helistop's value to the City. Mr. Erskine said they did receive feedback from regular users. He reported the stair construction was almost complete.

Mr. Aston said he continued to look for a public-relations effort or something involving the Chamber of Commerce to help the helistop be more valuable to the City.

C. Arrearages

There were no arrearages to report.

D. Technical Advisory Group - Strategic/Business Plan

Ms. Bennett announced that the second meeting of the Technical Advisory Group (TAG) had been held on Thursday September 13, 2007. She said the meeting was a continuation of the Strategic Visioning Exercise initiated during the kick-off meeting in

August. Attendees conducted a strengths, weaknesses, opportunities, and threats (SWOT) analysis of the Airport and its facilities and programs.

Ms. Bennett remarked that the discussion had been quite productive. She said participants contributed ideas that would be incorporated into the development of future improvement scenarios.

Ms. Bennett reported that minutes would be made available to the Board. She said there were no deliverables in the project as yet; they were still conducting data analysis. The next step would be to develop activity forecasts which would be sent to the FAA and FDOT for their review and approval.

Ms. Bennett invited all Board members to attend the meetings, and agreed to keep them updated with the study's progress.

The next meeting was scheduled to take place at the Airport Administration building in the Multi-purpose Room on Thursday, November 8, 2007 from 4:00 PM to 7:00 PM.

E. FLL Update

Ms. Deardorff noted that an article had been included in the Board's packet regarding FLL's new airport director.

Ms. Deardorff stated the new director, Kent George, would start on October 15.

Other Announcements

Chair Brenneman drew the Board's attention to the flyer regarding the Better Meetings Academy on October 30 and encouraged Board members to attend.

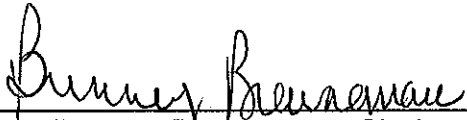
Ms. Deardorff pointed out that the latest newsletter had been created, featuring an article on noise reduction and their efforts to encourage the FAA to extend the hours of the nighttime turn to bring relief from excessive jet noise to the eastern communities.

Chair Brenneman congratulated Ms. Bennett on her recent award from the Chamber of Commerce.

Chair Brenneman asked Ms. Bennett if they have any information yet regarding the recent airplane crash on I-95. Ms. Bennett reported that they had not yet seen a preliminary report from the NTSB. She hoped they would see something within the week. Ms. Bennett said the City Commission would pass a resolution at their next meeting urging the US Congress to pass the FAA's budget, which included \$9 billion for safety programs.

There being no further business before the Board, the meeting adjourned at 2:57 p.m.

➤ Next scheduled meeting date: Thursday – October 25, 2007 – 1:30 PM


Bunney Brenneman, Chair

PLEASE NOTE:

If any persons decide to appeal any decision made with respect to any matter considered at this public meeting or hearing, he/she will need a record of the proceedings and, for such purpose, he/she may need to ensure that a verbatim record of the proceedings is made, which record includes the testimony and evidence upon which the appeal is to be based.